

Appl. No. 09/724,288
Amdt. dated March 14, 2005
Reply to Office Action of December 14, 2004

PATENT

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claims 1-89 (canceled)

Claim 90. (currently amended) A method of screening an antibody for activity in clearing an amyloid deposit of A β , comprising

combining a tissue sample comprising the amyloid deposit deposits, the antibody, and phagocytic cells bearing Fc receptors in a medium in vitro;

monitoring a reduction in the amount of the amyloid deposits deposit remaining in the medium, a the reduction in the amount of the amyloid deposits deposit indicating the antibody has clearing activity against the amyloid deposits deposit.

Claim 91. (currently amended) The method of claim 90, wherein the amount of the amyloid deposits deposit remaining is monitored by monitoring the amount of an antigen associated with the amyloid deposits remaining in the medium.

Claim 92. (currently amended) The method of claim 90, wherein the combining comprises combining the tissue sample amyloid deposit and the antibody before adding the phagocytic cells bearing Fc receptors.

Claim 93. (currently amended) The method of claim 90, wherein the amyloid deposit is a the tissue sample is from the brain of an Alzheimer's disease patient or a mammal an animal having Alzheimer's pathology.

Claim 94. (currently amended) The method of claim 91-90, wherein the antigen is A β .

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Claim 95. (previously presented) The method of claim 90, wherein the phagocytic cells are microglial cells.

Claim 96. (previously presented) The method of claim 90, wherein the monitoring is performed microscopically.

Claim 97. (previously presented) The method of claim 90, wherein the antibody is a monoclonal antibody.

Claim 98. (previously presented) The method of claim 97 75, wherein the antibody binds to an epitope within amino acid residues 1-7 of A β .

Claim 99. (cancelled)

Claim 100. (currently amended) The method of claim 99 97, wherein the amyloid deposit is a the tissue sample is from the brain of an Alzheimer's disease patient or a mammal an animal having Alzheimer's pathology.